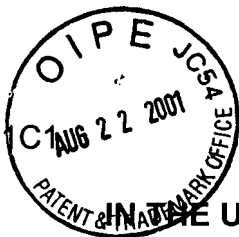


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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Szkudlinski, et al.) Group Art Unit 1647
Appl. No. : 09/185,408)
Filed : November 3, 1998)
For : GLYCOPROTEIN)
HORMONE)
SUPERAGONISTS)
Examiner : Spector, L.

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AMENDMENT AND RESPONSE TO OFFICE ACTION

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

In response to the Office Action mailed March 20, 2001, please amend the above-identified application as follows:

IN THE CLAIMS:

Please amend Claims 81-98, 101-124, and 127-140. The specific changes to the amended claims are shown on a separate set of pages attached hereto and entitled **VERSION WITH MARKINGS TO SHOW CHANGES MADE**, which follows the signature page of this Amendment. On this set of pages, the insertions are double underlined while the ~~deletions are struck through~~. A clean version of the entire set of pending claims is attached as a separate set of pages and entitled **CLEAN VERSION OF THE ENTIRE SET OF PENDING CLAIMS**.

REMARKS

1. Disposition of Claims

The present invention is related to engineered human thyroid stimulating hormone (TSH) superanalogues. Claims 81-140 are being examined in this application. Claims 1-80 were canceled in a previous amendment. Claims 81-98, 101-124, and 127-140 have been amended. Support for the amendment is found throughout the

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